PATENT ABSTRACTS OF JAPAN

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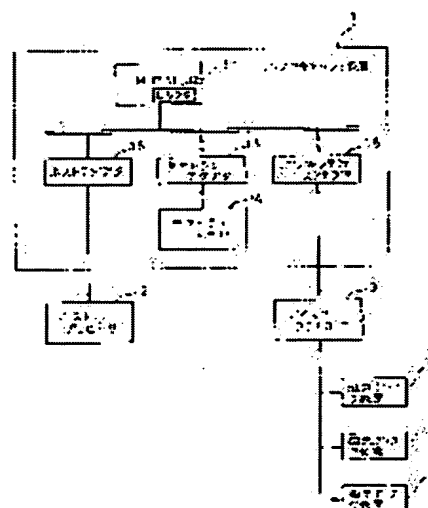| (51)Int.CI.	G06F 12/08
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(22)Date of filing : **28.10.1987**	(72)Inventor : **UCHIDA MITSUJIROU**

(54) DISK CACHE DEVICE

(57)Abstract:

PURPOSE: To improve the performance of an information processing system by adding the write data length to the data length reaching a point right before a record field to be written and comparing the result of this addition of data lengths with the capacity of the track data.

CONSTITUTION: The length of the gap added to each filed is added to the length of the field passed through up to a target field. The value of said addition is stored in a register 12 of an MPU 11. The MPU 11 adds the field length of the information which performs a writing action and the length of the gap additional to said field to the value stored in the register 12 and compares the result of this addition with the effective track capacity prescribed previously. When the result of addition exceeds the effective track capacity, an error is reported to a host processor 2 as a foul track form. Thus a store-in action can be applied to a magnetic disk device applying a variable length record form so that the performance of an information processing system is improved.

LEGAL STATUS

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